

# METHOD AND SYSTEM FOR ASSESSING A REFRIGERANT CHARGE LEVEL IN A VEHICLE AIR CONDITIONING SYSTEM

## Abstract

A method and system for assessing a level of refrigerant in a vehicle air conditioning system. A refrigerant charge value is determined as a function of ambient air temperature, ambient air humidity, conditioned air temperature, and compressor cycling signals. The refrigerant charge value is compared to a threshold value to determine whether the level of refrigerant is acceptable.